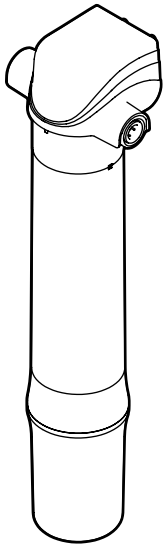
GLACIER BAY

US Item# 1001 090 292
CAN Item# 1000 803 390
US Model #HDGFFS4
CAN Model #HCGFFS5

USE AND CARE GUIDE

BASIC DEFENSE DRINKING WATER FILTRATION SYSTEM



System tested and certified by NSF International against NSF/ANSI Standards 42 & 53. See performance data sheet for details.

NSF

Questions, problems, missing parts? Before returning to the store, call Glacier Bay Customer Service
7 a.m. - 6 p.m., CST, Monday - Friday

1-800-247-1087

HOMEDEPOT.COM/GLACIERBAY

201-8401440 (REV. 00)

THANK YOU

We appreciate the trust and confidence you have placed in Glacier Bay through the purchase of this filtration system. We strive to continually create quality products designed to enhance your home. Visit us online to see our full line of products available for your home improvement needs. Thank you for choosing Glacier Bay!

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Safety Information

Read all instructions before installing and using your water filtration system. Follow all steps exactly to correctly install. Reading this manual will also help you to get all the benefits from the filtration system.

This system has been tested according to NSF/ANSI Standard 42 and 53 for the specific performance claims as verified and substantiated by test data. The rated capacity for this system is 2000 gallons (7570 liters) at a rated service flow of 2.0 gallons per minute (7.57 liters per minute).

All plumbing must be completed in accordance with national, state and local plumbing codes. Local code information can be obtained at your local public works department. In Massachusetts, plumbing code 248 CMR 3.00 and 10.00 shall be adhered to. Consult with your licensed plumber.

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. This system is certified for cyst reduction and may be used on disinfected waters that may contain filterable cysts.

CAUTION: Do not install the filtration system outside, or in extreme hot or cold temperatures. Temperature of the water supply to the filtration system must be between 40°F and 100°F. Do not install on a hot water line.

NOTICE: This filtration system works on water pressures of 30 psi (minimum) to 100 psi (maximum). If your house water pressure is over the maximum, install a pressure reducing valve in the water supply pipe to the filtration system.

NOTICE: All plumbing codes must be completed in accordance with national, state, and local plumbing codes. Local code information can be obtained at your local public works department.

NOTICE: In the state of Massachusetts: The Commonwealth of Massachusetts plumbing code 248-CMR shall be adhered to. A licensed plumber shall be used for this installation.

Warranty

GLACIER BAY WATER FILTRATION SYSTEMS - WARRANTY

Glacier Bay Water Filtration Systems are manufactured under the highest standards of quality and workmanship. Glacier Bay Water Filtration Systems warrants to the original purchaser that this system will be leak and drip free during normal domestic use for a period of one (1) year from date of purchase. If this system should ever develop a leak or drip Glacier Bay Water Filtration Systems will free of charge provide the parts necessary to put the system back in good working condition. A replacement for any defective part will be supplied free of charge for installation by the purchaser. Defects or damage caused by use of other than authorized parts are not covered by this warranty. This warranty shall be effective from date of purchase as shown on purchaser's receipt. Glacier Bay Water Filtration Systems shall be installed per the manufacturer's installation instructions and specifications. Some states do not allow limitations on how long a warranty lasts, so the above limitation may not apply to you. This warranty is valid for the original purchaser only and excludes industrial, commercial, or business use of the product, product misuse, and product damage due to installation error, whether performed by a contractor, service company, or yourself. Glacier Bay Water Filtration Systems will not be responsible for labor charges or for damage incurred during installation, repair or replacement, nor for incidental or consequential damages. Some states, provinces and nations do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusions or limitations may not apply to you. Glacier Bay Water Filtration Systems will advise you of the procedure to follow in making warranty claims.

Warranty (continued)

Simply write to Glacier Bay Water Filtration Systems at the address below. Explain the defect and include proof of purchase and you name, address and telephone number or you can also call us at 1-800-247-1087.

U.S.A

Glacier Bay Water Filtration Systems

2455 Paces Ferry Road, N.W.

Atlanta, GA 30339-4024

Canada

Glacier Bay Water Filtration Systems

900-1 Concorde Gate

Toronto, ON M3C 4H9

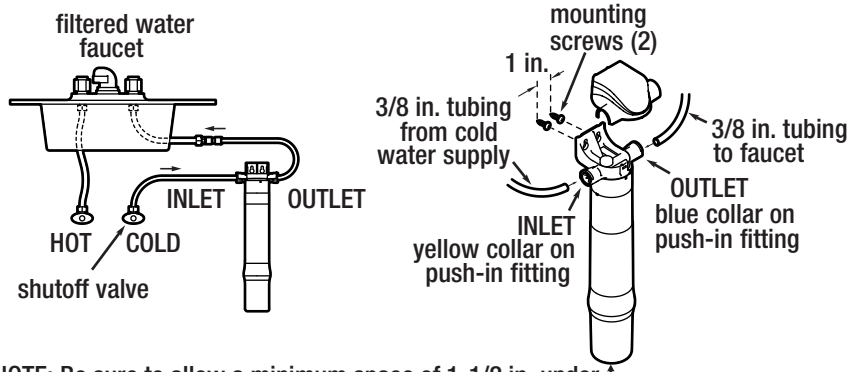
Pre-Installation

PRE-INSTALLATION INSPECTION

Thoroughly check the water filtration system for possible shipping damage and parts loss. Also inspect and note any damage to the shipping carton. Remove and discard (or recycle) all packing materials. To avoid loss of small parts, we suggest you keep the small parts in the parts bag until you are ready to use them.

INSTALLATION LOCATION

Install the water filtration system on the cold water supply pipe, under the kitchen and/or bathroom sink, to filter the cold water. Refer to the following drawing. Be sure to allow a minimum space of 1-1/2 in. under the system for removing the filter cartridge to change it.



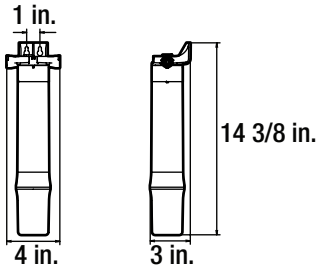
NOTE: Be sure to allow a minimum space of 1-1/2 in. under the system for removing the filter cartridge to change it.

SPECIFICATIONS

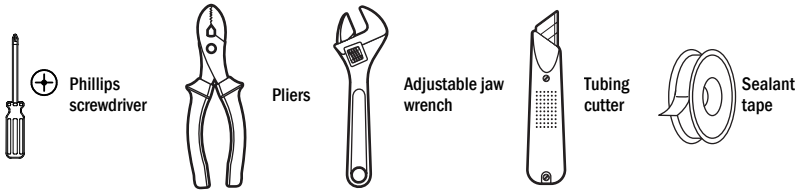
Supply Water Pressure Min. - Max.	30 - 100 psi (207 - 689 kPa)
Supply Water Temperature Min. - Max.	40 - 100 °F (4 - 38 °C)
Rated Service Flow @ 60 psi (414 kPa)	2.0 gallons per minute (7.57 liters per minute)
Inlet - Outlet	3/8 in. quick connect fittings and tubing included

Pre-Installation (continued)

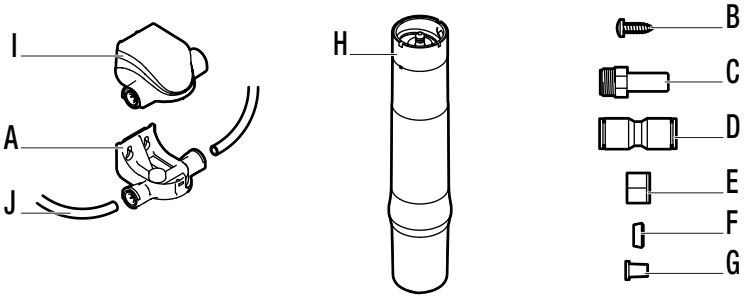
DIMENSIONS



TOOLS REQUIRED



PACKAGE CONTENTS



Part	Description	Part Number	Quantity
A	Head assembly with quick connect fittings	1073-25-HA	1
B	Mounting screw	Parts bag*	2
C	Water supply adaptor	Parts bag*	2
D	Union connector, 3/8 in. to 3/8 in.	Parts bag*	1
E	Compression nut, 3/8 in.	Parts bag*	1
F	Plastic ferrule, 3/8 in.	Parts bag*	1

Part	Description	Part Number	Quantity
G	Tubing insert, 3/8 in.	Parts bag*	1
H	Filter cartridge	HDGFFF4/ HCGFFF5**	1
I	Filter cover	1073-25-01	1
J	Tubing, 3/8 in. OD x 30 in., black	7208251	1
K	Use and Care Guide (not illustrated)	201-8401440	1

*These items are included in the parts bag, Part Number 1042-45-AC.

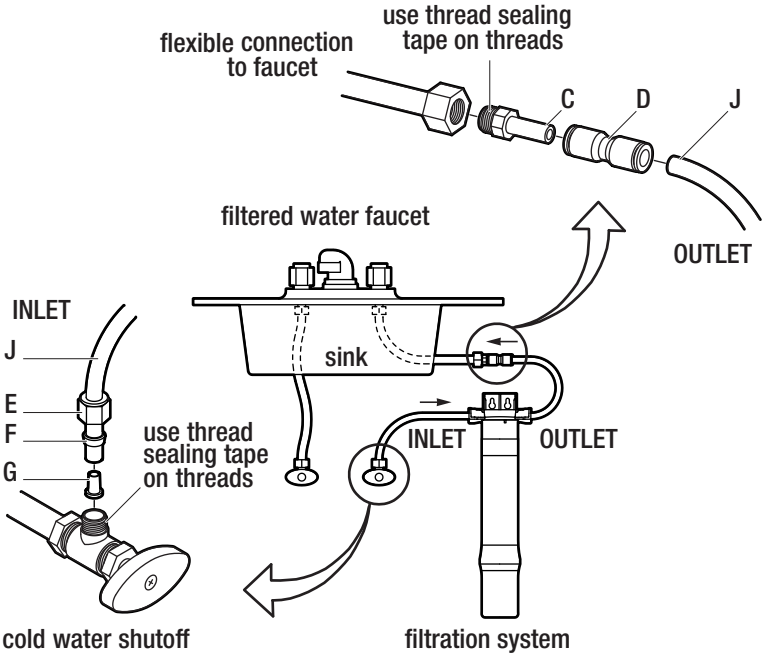
**Purchase replacement filter cartridges from your local The Home Depot store.

To order replacement parts, call customer service at 1-800-247-1087 7 a.m. - 6 p.m., CST, Monday - Friday

Installation

1 Installing the water supply fittings

- □ Close the sink's water shut off valve(s), or another shut off valve upstream from where you will install the filtration system, and open faucets to relieve pressure from the sink's cold water supply line.
- □ Locate the line connecting the cold water shutoff to the sink faucet. Typically this line will be a flexible hose. Disconnect the nut (1) that connects this line to the cold water shutoff. Use a bucket to catch water that drains from this line.
- □ Locate one piece of the supplied 3/8 in. tubing (J) and attach the compression nut (E), ferrule (F), and tubing insert (G). Wrap thread sealant tape around the threads of the cold water shut off valve and then attach the tubing (J) by tightening the compression nut (E). Tighten to provide a leak-tight connection.
- □ Using thread sealant tape, install the water supply adaptor (C) into the nut (1) on the supply line which you previously disconnected.
- □ Press the stem of the water supply adaptor (C) into one end of the union connector (D). Be sure to push the stem all the way in.



2 Connecting the tubes

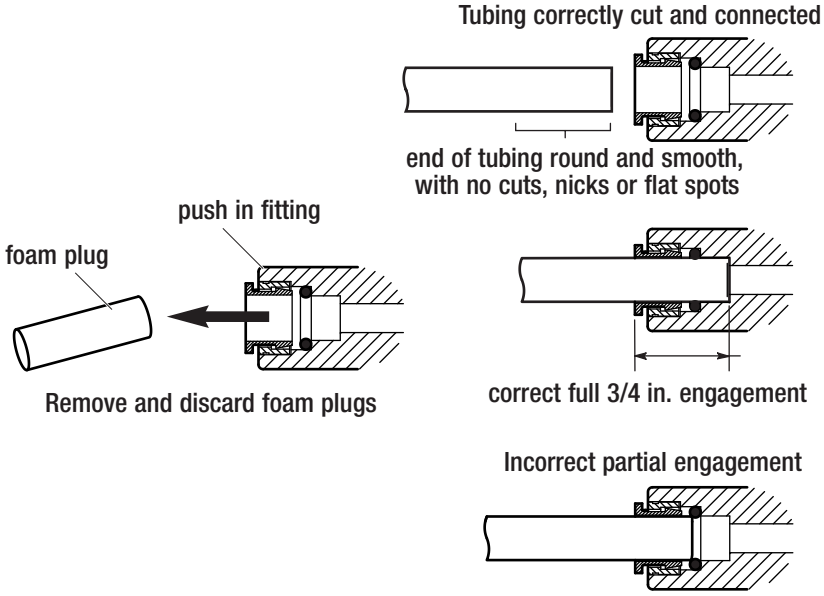
IMPORTANT: Remove the protective foam plugs before connecting the tubes. Discard the foam plugs.

- □ Route the unused piece of tubing (J) between the union connector (D) and the filter system outlet (See the Figure in Step 1). Allow some slack, measure, and cut to length. Cut the ends of the tubing square.
- □ Insert tubing (J) all the way into the union connector (D) and filter system outlet. Pull on the tubing to be sure that it's held firmly in the fittings.
- □ Repeat the above 2 steps in this tubing procedure to connect the tube installed on the cold water shutoff to the filter system inlet.

Tubing Connections (All Push-In Fitting Locations)

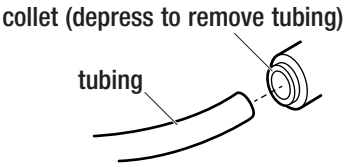
This system includes push-in fittings for quick tubing connections. When working with the fittings, do the following to connect the tubing:

- □ Use a tube cutter to cut the end of the tubing square.
- □ Inspect the end (about 1in.) of the tubing to be sure there are no nicks, scratches or other rough spots.
- □ If needed cut the tubing again.
- □ Push tubing through the collet and all the way into the fitting. Full engagement is 3/4 in. length of tube into the fitting.


Tubing correctly cut and connected
end of tubing round and smooth,
with no cuts, nicks or flat spots
push in fitting
foam plug
Remove and discard foam plugs
correct full 3/4 in. engagement
Incorrect partial engagement

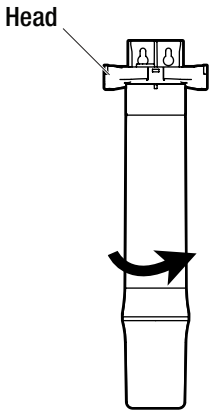
To Disconnect the Tubing:

- □ Push the collet inward and hold with a finger while pulling the tubing out.



3 Installing the filter cartridge

- □ Remove the small plastic shipping cap from the open end of the filter cartridge.
- □ Install the filter cartridge onto the water filter head assembly. Turn the filter cartridge to the right to tighten, do not over tighten. Also refer to the figure in Step 1 for a more detailed illustration.



4 Turn on the water, check for leaks, and rinse the system

- □ Open the shutoff valve(s) that you closed at the beginning of this installation.
- □ Open the filtered water faucet to purge air from the system. When the water runs smooth, with no bubbles or spurting, close the faucet and check the installation for leaks.
- □ Open the filtered water faucet and let water run for 10 minutes to rinse the system.

Filter Cartridges

FILTER CARTRIDGE LIFE

It is recommended to replace the filter cartridge every six months of use. There are several variables that determine how long a filter cartridge will last. These include:

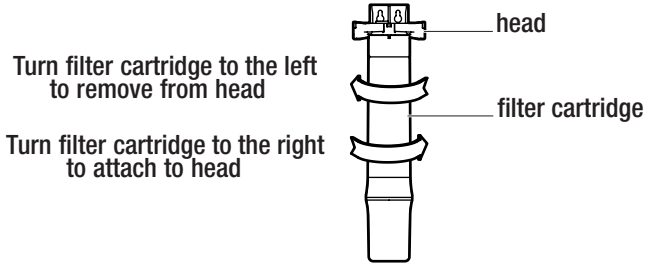
1. How much water you use, and
2. How much sediment, taste and/or odor, or other unwanted substance, is in the water.

Use this information as a guide. However, no matter which type of filter cartridge you are using, you will know it is time to replace them when you first notice the return of the unwanted sediment, taste and/or odor in your water, or when the flow diminishes or stops.

FILTER CARTRIDGE REPLACEMENT

NOTE: There is no need to shut off the water supply when replacing the filter cartridge.

1. Turn the filter cartridge to the left to remove the cartridge from the filter head.
2. Dispose of the cartridge.
3. Install a new cartridge. Turn the cartridge to the right to re-attach to the filter head.
4. Flush for 10 minutes.


Turn filter cartridge to the left to remove from head
Turn filter cartridge to the right to attach to head
head
filter cartridge

Troubleshooting

Problem	Possible Cause	Solution
The taste and odor of the water is unsatisfactory.	□ The filter cartridge needs to be replaced. □ The system is contaminated.	□ Replace the cartridge. □ Sanitize the system. Call 1-800-247-1087 for instructions.
Water leaks at the push connect fittings.	□ The tubing is not pushed in all the way □ The tubing is not cut square. □ The tubing is nicked. □ The outer tubing surface is not smooth.	□ Push the tubing all the way into the fittings. □ Cut the tubing square □ Remove the nicked portion, and reinsert the tubing into the fitting. □ Remove the rough portion, and reinsert the tubing into the fitting.

GLACIER BAY®

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call Glacier Bay Customer Service
7 a.m.-6 p.m., CST, Monday-Friday

1-800-247-1087

HOMEDEPOT.COM/GLACIERBAY

Retain this manual for future use.

Manufactured by
Ecodyne Water Systems
1890 Woodlane Drive
Woodbury, MN 55125

Performance Data Sheet

Model HDGFFS4/HCGFFS5 Drinking Water Filter

IMPORTANT NOTICE: Read this Performance Data Sheet and compare the capabilities of this unit with your actual water treatment needs. It is recommended that, before purchasing a water treatment unit, you have your water supply tested to determine your actual water treatment needs. This filter system is designed to be used for the reduction of the performance claims listed below. Do not use where water is microbiologically unsafe or of unknown quality, without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts. While testing was performed under standard laboratory conditions, actual performance of the system may vary based on local water conditions. Some or all of the contaminants reduced by this unit may not be in your water supply. **See Installation and Operation Manual for further instructions on filter cartridge replacement, system installation, operating procedures, and warranty. The maintenance instructions must be followed for the product to perform as indicated below.**

Performance Claims

Contaminant	Required Influent Level (mg/L)[2]	NSF Max. Permissible Eff. Level (mg/L)[2]	Average Influent Level (mg/L)[2]	Avg. / Max. Effluent Level (mg/L)[2]	Avg. / Min. Percent Removal	EPA[1] MCL (mg/L)[2]
Cyst	≥50000 #/mL[4,5]	99.95%[3]	125,000#/mL[4]	<1 /<1 #/mL[4]	99.99 / 99.99	None[7]
Substance						
Chlorine Taste, and Odor	2.0 ± 10%	50%[3]	2.0	0.22 /0.47	89 /77	None[6]
Particulate, Class I (0.5 to <1 micron)[5]	10,000 [4]	85%[3]	14,000,000 [4]	1692/2400 [4]	99.9/99.9	None[4]

[1] EPA MCL means Environmental Protection Agency Maximum Contaminant Level as required under the Safe Drinking Water Act.
[2] mg/L means Milligrams Per Liter, which is equivalent to parts per million (PPM).
[3] NSF minimum percent reduction requirement. Acceptance level for this substance is based on percent reduction rather than maximum effluent concentration.
[4] #/mL means particles per milliliter.
[5] Test performed using live Crytospordium Parvum oocyst

General Information

This filter improves the taste and odor and reduces many chemical contaminants in drinking water.

This system has been tested according to NSF/ANSI 42 and 53 for the reduction of the substances listed. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42 and 53. The testing was performed using spiked tap water at a flow rate of 2 GPM (7.6 L/min.), pH of 7.5 ± 0.5, pressure of 60 PSIG, and temperature of 68 ± 5°F.

Manufactured and warranted by:
Ecodyne Water Systems
1890 Woodlane Drive
Woodbury, MN 55125

Installation Requirements

Pressure Range ..... 30-100 psig (207 - 689 kPa)
Temperature Range ..... 40-100°F (5-38°C)
Service Flow Rate ..... 2.0 GPM (7.6 LPM)
Service Life ..... 2000 Gallons (7570 Liters)

Maintenance

Refer to Use and Care Manual for warranty and further details on installation and maintenance. Cartridges should be replaced every 2000 gallons or six months, whichever comes first. For replacement elements, call 1-800-247-1087 or contact your nearest The Home Depot's store. Replacement filter prices will vary. Current pricing replacement filters HDGFFF4/HCGFFS5 approximately $20.00 to $40.00 per filter element.

System Tested and Certified by NSF International against NSFI/ANSI Standard 42 for the reduction of chlorine taste and odor and Standard 53 for the reduction of cyst.

02/20/15 (Rev. 01)
201-8401996